



Job Opportunity

California State Lands Commission

The State Lands Commission is an equal opportunity employer to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religion, political affiliation, age, medical condition, political/religious opinion, discrimination complaint filing or sexual orientation.

October 26, 2007

ASSOCIATE ENGINEER, PETROLEUM STRUCTURES

\$7,802 - \$9,475 per month

OR

ASSOCIATE CIVIL ENGINEER

\$6,292 - \$7,645 per month

***(WILL CONSIDER FILLING AT EITHER LEVEL –
DUTIES WILL BE ADJUSTED ACCORDINGLY)***

ASSOCIATE ENGINEER, PETROLEUM STRUCTURES

Under the general supervision of the Marine Facilities Division's Engineering Branch Supervisor, and assigned to a field office, the Associate Engineer, Petroleum Structures performs duties as requested by the Engineering Branch Supervisor, and the Field Office Supervisor.

DUTIES AND RESPONSIBILITIES:

- Review existing structural inspection reports and participate in new annual (engineering) inspections;
- Participate in the audit process, providing direction/guidance to the operators and their consultants, for conformity to the MOTEMS. This may require monitoring scheduled rehabilitation of the terminals, as they perform the MOTEMS mandated repairs;
- Review analyses and design for MOTEMS compliance, including, but not limited to structural rehabilitation (seismic and berthing analyses), and mooring assessments. This will require a continued working knowledge of ADINA and Optimoor;
- Perform other engineering tasks and duties, as directed by the Engineering Branch Supervisor, or the Field Office Supervisor.

ASSOCIATE CIVIL ENGINEER

Under the general supervision of the Marine Facilities Division's Engineering Branch Supervisor, and possibly assigned to a field office, the Associate Civil Engineer performs duties as directed by the Engineering Branch Supervisor. The incumbent will be guided by the principles outlined in the vision, mission and values statements of the California State Lands Commission. The incumbent will demonstrate an understanding of organizational goals and priorities and fully comply with administrative policies, regulations and procedures when performing job operations. This position requires willing acceptance of work assignments, adherence to instructions, application of technical knowledge and skills needed to produce a product or service of superior quality in a timely and responsive manner. The incumbent will emphasize production quality and work toward the long-term benefit of the public health and safety, and the environment.

DUTIES AND RESPONSIBILITIES:

- Review analyses and design for "Marine Oil Terminal Engineering and Maintenance Standards" (MOTEMS) compliance, including, but not limited to structural rehabilitation. Participate in the continuous upgrading of the MOTEMS, coordinating with the Building Standards Commission, and be familiar with various American codes and guidelines, such as ACI, AISC and FEMA. Will require a working knowledge of linear and non-linear finite element codes, such as ADINA;

- Review existing structural inspection reports and participate in new annual (engineering) inspections;
- Participate in the audit process, providing direction/guidance to the marine terminal operators and their consultants, for conformity to the MOTEMS. This may require monitoring scheduled rehabilitation of the terminals, as they perform the MOTEMS mandated repairs;
- Perform other engineering tasks and duties, as directed by the Engineering Branch Supervisor or the Field Office Supervisor.

DESIRABLE QUALIFICATIONS: (Assoc. Eng., Petroleum Struc. & Assoc. Civil Engineer)

- Structural engineering experience, including reinforced concrete design, structural steel design, static and dynamic analyses; background in inspecting damaged structures, new construction, offshore structures is preferred;
- Working knowledge of seismic engineering, including the analysis of structures using the response spectrum and time history methods;
- Experience using three-dimensional finite element programs, such as SAP or ADINA;
- Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers (**Required for the Assoc. Civil Eng.**);
- Familiarity with the Uniform Building Code, California Building Code, ACI and AISC codes and NEHRP (National Earthquake Hazard Reduction Program) Provisions;
- Ability to effectively communicate.

POSITION LOCATION:

Position(s) exist in Long Beach and the San Francisco Bay area.

HOW TO APPLY:

Submit resume & standard State application to:

**California State Lands Commission
Personnel Office
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825-8202
Telephone: (916) 574-1910
FAX (916) 574-1915**

Faxed and emailed applications will not be accepted.

(PLEASE INDICATE ON YOUR APPLICATION WHICH LOCATION YOU ARE INTERESTED IN.)

FINAL FILING DATE: Until Filled

WHO MAY APPLY:

State employees with transfer eligibility, reinstatement eligibility, or employment list eligibility. Transfers from surplus agencies or individuals on SROA/Surplus will be given first consideration.

Former State employees with reinstatement eligibility or employment list eligibility.

Non-State employees who have already taken an examination for this job classification and have established employment list eligibility.

Applications will be screened and only the most qualified candidates will be scheduled for an interview.